

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1193	436/178.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/05 07:09
S2	214	albumin near4 (filter or separat\$) same membrane	US-PGPUB; USPAT	ADJ	ON	2009/02/05 07:10
S3	321	(albumin or protein) and (("500000" near2 da) or ("50" near2 kda)) near5 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/05 08:02
S4	179	(albumin) and (("500000" near2 da) or ("50" near2 kda)) near5 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/05 08:02
S5	190	(albumin) and (("50000" near2 da) or ("50" near2 kda)) near5 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/05 08:03
S6	24	("3579441" "3946731"). PN. OR ("4350594"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/05 08:30
S7	56	albumin near4 (filter or separat\$) same membrane and dilute	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:04
S8	24	("3579441" "3946731"). PN. OR ("4350594"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:09
S9	8	S8 and dilut\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:09
S10	190	(albumin) and (("50000" near2 da) or ("50" near2 kda)) near5 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:12
S11	171	S10 and dilut\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:12
S12	152	S10 and diluted	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:12

S13	3	place near5 (filter or membrane) near3 dilut\$ and albumin	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:15
S14	109	S10 and wash	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:16
S15	157	S10 and washed	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:17
S16	61	S10 and wash\$4 near4 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:17
S17	49764	(filter or membrane) near3 wash\$4 and protein	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:19
S18	484	(filter or membrane) near3 wash\$4 near3 protein	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:19
S19	328	(filter or membrane) near3 diluted near3 protein	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:20
S20	316	(membrane) near3 diluted near3 protein	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:20
S21	389	(membrane) near3 wash \$4 near3 protein	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:20
S22	264	S21 and albumin	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:20
S23	180	210/195.2.ccls. and wash \$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:26
S24	95	210/195.2.ccls. and diluted	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:36
S25	2	210/195.2.ccls. and diluted near8 protein	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:36
S26	14	210/195.2.ccls. and diluted near8 (protein or blood)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:36
S27	1	"10570488"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:42
S28	8	(protein or albumin) (dilution or diluted) near3 filter	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:02
S29	134	(protein or albumin) (dilution or diluted) near5 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:04
S30	115	(protein or albumin) (dilution or diluted) near3 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:04

S31	19	(protein or albumin) (dilution or diluted) near5 (filter or membrane) not S30	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:06
S32	507	(sample or protein) near3 (dilution or diluted) near3 (filter\$) not S30	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:07
S33	28	(protein) near3 (dilution or diluted) near3 (filter\$) not S30	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:07
S34	122	(protein or blood) near3 (dilution or diluted) near3 (filter\$) not S30	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:08
S35	27	(US-20040002165-\$ or US-20040234971-\$).did. or (US-4347138-\$ or US-4350594-\$ or US-5250662-\$ or US-5552325-\$ or US-5571418-\$ or US-6001974-\$ or US-6478960-\$ or US-6514409-\$ or US-7441666-\$ or US-6402913-\$ or US-6551684-\$ or US-6855121-\$ or US-7066900-\$ or US-7077942-\$ or US-6464851-\$ or US-4498990-\$ or US-5234608-\$ or US-6054051-\$ or US-7455771-\$ or US-7316919-\$ or US-3963613-\$ or US-4702829-\$ or US-4789482-\$ or US-5108612-\$ or US-6716356-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:49
S36	12	S35 and (mass spectromet \$ or electrophore\$ or liquid chromatography)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:49
S39	55	blood near3 filter and filter near5 (alcohol or ethanol)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:41
S42	217	filtration near5 (dilute or wash) near5 (alcohol or ethanol)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:43
S43	113	S42 and (blood or serum)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:44

S44	214	filter near5 (dilute or wash) near5 (alcohol or ethanol) and blood	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:44
S45	1	filter near5 (dilute or wash) near5 (alcohol or ethanol) same blood	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:44
S46	0	filter near5 (suspend\$) near5 (alcohol or ethanol) same blood	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:45
S47	4	filter near5 (blood or serum) same (blue dye)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:46
S48	80	filter near5 (blood or serum) same (dye)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:46
S49	56	filter near5 (blood or serum) same (dye) and membrane	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:47
S50	134	albumin near3 blue near3 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:50
S51	128	albumin near3 blue near2 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:50
S54	38	albumin same filter same blue near2 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:51
S55	75	albumin same (filter or membrane) same blue near2 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:52
S56	27	(US-20040002165-\$ or US-20040234971-\$).did. or (US-4347138-\$ or US-4350594-\$ or US-5250662-\$ or US-5552325-\$ or US-5571418-\$ or US-6001974-\$ or US-6478960-\$ or US-6514409-\$ or US-7441666-\$ or US-6402913-\$ or US-6551684-\$ or US-6855121-\$ or US-7066900-\$ or US-7077942-\$ or US-6464851-\$ or US-4498990-\$ or US-5234608-\$ or US-6054051-\$ or US-7455771-\$ or US-7316919-\$ or US-3963613-\$ or US-4702829-\$ or US-4789482-\$ or US-	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:39

		5108612-\$ or US-6716356-\$).did.				
S57	13	S56 and (chromatography or hplc)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:39
S59	4322	filtrate near3 (chromatography or hplc)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:44
S70	1994	filtrate near3 (chromatography or hplc) and blood	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:49
S71	36	filtrate near3 (chromatography or hplc) same blood	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:49
S73	0	filtrate near3 flow near3 chromatography	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:57
S74	12140	(protein or blood) near3 filter	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:57
S75	5396	dialysis and membrane and analyzer	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:58
S76	31739	dialysis and membrane and chromatography	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:58
S77	899	dialysis near3 membrane and analyzer	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:58
S78	544	dialysis near3 membrane and analyzer and chromatography	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:58
S79	45	dialysis near3 membrane and analyzer same chromatography	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:59
S80	8736	(filter or membrane module) same chromatography near3 column	US-PGPUB; USPAT	ADJ	ON	2009/02/13 08:06
S81	3	((filter or membrane) module) same chromatography near3 column	US-PGPUB; USPAT	ADJ	ON	2009/02/13 08:06
S83	84	filtrate near4 flows same chromatography	US-PGPUB; USPAT	ADJ	ON	2009/02/13 08:07
S85	26	(filt\$ or membrane) near3 flow near4 chromatography column	US-PGPUB; USPAT	ADJ	ON	2009/02/13 08:10
S86	31	("2731154" "2734636" "3228877" "3331509" "3776842" "4064052" "4301013" "4350594" "4397747").PN. OR ("4498990").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 08:11

S87	26	("3619423" "3727612" "3791926" "3794584" "3809613" "3839200" "3865726").PN. OR ("3963613").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 08:11
S88	2787	liquid chromatography column	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 08:14
S89	20442	filtered solution	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 08:14
S90	8	S88 and filtered (sample or blood)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 08:15
S91	93	blood same membrane same (elut\$5 or dilut\$5) same (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:44
S92	701	(blood or protein) same membrane same (elut\$5 or dilut\$5) same (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:52
S93	248	(blood or protein) near5 membrane same (elut\$5 or dilut\$5) same (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:52
S94	15	(blood or protein) near5 membrane same (elut\$5 or dilut\$5) near5 (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:52
S95	18	(blood or protein or sample) near5 membrane same (dilut\$5) near5 (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:54
S96	63	(blood or protein or sample) same membrane same (dilut\$5) near5 (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:54
S97	33	(blood or protein) same membrane same (dilut\$5) near5 (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:55
S98	17	(blood or protein) near5 membrane same (dilut\$5) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:56

S99	39	("3615024" "3775308" "4026977" "4051300" "4207182" "4208508" "4229291" "4230583"). PN. OR ("4720343"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 11:01
S100	58	membrane same (dilut\$5) same sample near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:02
S101	282	(filter or filtration) same (dilut\$5) same sample near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:05
S102	111	(filter or filtration) same (dilut\$5) same sample near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent) and (protein or blood)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:05
S103	405	(protein or blood) (purification or filtration) and (dilut\$5) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:07
S104	16	(protein or blood) (purification or filtration) and (filter or membrane) same (dilut\$5) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:07
S105	71	(protein or blood) near4 (purification or filtration) and (filter or membrane) same (dilut\$5) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:09

S106	568	(purification or filtration) and (filter or membrane) same (dilut\$5 or mix\$) same sample near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:12
S107	122	(purification or filtration) and (filter or membrane) same (dilut\$5 or mix\$) near5 sample near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:12
S108	236	(blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:15
S109	146	(purification or filtration) and (blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:15
S110	5	(purification or filtration) same (blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:16
S111	53	(purification or filtration) same (blood or plasma or serum) same (suspended or dilut\$) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:18

S112	71	(purification or filtration or separation) same (blood or plasma or serum) same (suspended or dilut\$) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:19
S114	162	(fraction\$ or separation) and (blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:21
S115	11	(fraction\$ or separation) and (blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent) same (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:21
S116	14	(fraction\$ or separation or extract\$) and (blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent) same (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:23
S118	0	blood near3 suspended near3 ethanol same filter \$4	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:25
S119	0	(blood or plasma or serum) near3 suspended near3 ethanol same filter \$4	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:25
S120	6	(blood or plasma or serum) near3 (suspend\$ or diluted or mixed) near3 ethanol same filter \$4	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:26
S121	0	(blood or plasma or serum) near3 (suspend\$ or diluted or mixed) near3 ethanol same stored	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:28

S122	378	(blood or plasma or serum) same stored near3 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:29
S123	8	(blood or plasma or serum) near3 stored near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:29
S124	78	(blood or plasma or serum) near5 (stored or suspended) near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:30
S125	136	(blood or plasma or serum or protein) near5 (stored or suspended) near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:31
S126	52	(blood or plasma or serum or protein) near3 (stored or suspended) near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:31
S127	17	protein same filtration and (protein or sample) near3 (stored or suspended) near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:41
S128	5	blood same filtration and (blood or sample) near3 (stored or suspended) near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:42
S129	2466	protein same blue near3 dye and detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:43

S130	61	protein near2 blue near3 dye and detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:43
S131	28	albumin near2 blue near3 dye and detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:45
S132	136	albumin near5 blue near3 dye and detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:46
S133	10	albumin near5 blue near3 dye same detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:46
S134	23	albumin same blue near3 dye same detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:47
S135	753	albumin same blue near4 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:47
S136	193	albumin near4 blue near4 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:48
S137	133	albumin near4 blue near4 dye and (dialysis or filtration)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:48
S138	5	albumin near4 blue near4 dye same (dialysis or filtration)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:48
S139	7	"4728430"	US-PGPUB; USPAT	ADJ	ON	2009/02/13 12:34
S140	4053	hydrophobic same filter same protein	US-PGPUB; USPAT	ADJ	ON	2009/08/05 13:36
S141	85	hydrophobic near3 filter same (protein or albumin)	US-PGPUB; USPAT	ADJ	ON	2009/08/05 13:37
S142	4	hydrophobic near3 filter same (albumin)	US-PGPUB; USPAT	ADJ	ON	2009/08/05 13:37
S143	0	hydrophobic near4 (filter or membrane) same (albumin)	US-PGPUB; USPAT	ADJ	ON	2009/08/05 13:41
S144	119	hydrophobic near4 (filter or membrane) same albumin	US-PGPUB; USPAT	ADJ	ON	2009/08/05 13:41
S145	110	hydrophobic near3 (filter or membrane) same albumin	US-PGPUB; USPAT	ADJ	ON	2009/08/05 13:41

EAST Search History (Interference)

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8/12/2009 12:40:57 PM

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